

WHAT IS CLAIMED IS:

1. A ramp for a magnetic read/write apparatus to
shunt a magnetic read/write head to the outside of a
magnetic recording medium in the non-read/write
5 period, said ramp containing mainly at least one
molding resin selected from a thermoplastic resin and
a thermosetting resin and an inorganic filler used as
an additive.

2. A ramp for a magnetic read/write apparatus
10 according to claim 1, wherein the content of said
inorganic filler is not higher than 4% by weight.

3. A ramp for a magnetic read/write apparatus
according to claim 2, wherein the content of said
inorganic filler falls within a range of between 0.05
15 and 4% by weight based on said molding resin.

4. A ramp for a magnetic read/write apparatus
according to claim 1, wherein said inorganic filler is
subjected to a surface treatment with a titanium-based
coupling agent.

20 5. A ramp for a magnetic read/write apparatus
according to claim 1, wherein said inorganic filler is
subjected to a surface treatment with an antistatic
agent.

25 6. A ramp for a magnetic read/write apparatus
according to claim 1, wherein said inorganic filler
has an average particle diameter falling within the
range of 0.1 μm to 100 μm .

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7. A ramp for a magnetic read/write apparatus according to claim 1, wherein said inorganic filler is formed of at least one material selected from the group consisting of a fused silica, a crystallized silica, a glass fiber, SiN, SiC, Al₂O₃, TiO₂, potassium titanate, CeO₂, Y₂O₃, ZnO, ZrO₂, SnO₂, Ho₂O₃, CuO and Mn₃O₄.

8. A ramp for a magnetic read/write apparatus according to claim 1, wherein said molding resin consists essentially of polyacetal and said filler consists essentially of titanium dioxide.

9. A magnetic read/write apparatus, comprising a magnetic recording medium, a head supporting a read/write element for reading data from and writing it to said magnetic recording medium, a suspension assembly for supporting said head, and a ramp mounted on the outside of said magnetic recording medium and brought into contact with a part of said suspension assembly so as to hold said suspension assembly while permitting it to slide, wherein said ramp contains mainly at least one molding resin selected from a thermoplastic resin and a thermosetting resin and an inorganic filler used as an additive.

10. A magnetic read/write apparatus according to claim 9, wherein the content of said inorganic filler is not higher than 4% by weight.

11. A magnetic read/write apparatus according to

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claim 10, wherein the content of said inorganic filler falls within the range of 0.05 to 4% by weight based on said molding resin.

5 12. A magnetic read/write apparatus according to claim 9, wherein said inorganic filler is subjected to a surface treatment with a titanium-based coupling agent.

10 13. A magnetic read/write apparatus according to claim 9, wherein said inorganic filler is subjected to a surface treatment with an antistatic agent.

14. A magnetic read/write apparatus according to claim 9, wherein said inorganic filler has an average particle diameter falling within the range of 0.1 μm to 100 μm .

15 15. A magnetic read/write apparatus according to claim 9, wherein said inorganic filler is formed of at least one material selected from the group consisting of a fused silica, a crystallized silica, a glass fiber, SiN, SiC, Al₂O₃, TiO₂, potassium titanate, CeO₂, Y₂O₃, ZnO, ZrO₂, SnO₂, Ho₂O₃, CuO and Mn₃O₄.

20 16. A magnetic read/write apparatus according to claim 9, wherein said molding resin consists essentially of polyacetal and said filler consists essentially of titanium dioxide.

25 17. A magnetic read/write apparatus according to claim 9, wherein the width of change in the sliding resistance value between said head and said ramp falls

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within the range of 1.8 gfcm to 2.6 gfcm.

18. A magnetic read/write apparatus according to claim 9, wherein the load applied to said suspension assembly falls within the range of 1.5 gf to 3.5 gf.

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